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AUGUST 1965

# THE HIRED FARM WORKING FORCE OF 1964

## --A Statistical Report--

by

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### INTRODUCTION

This report presents information on the size and composition of the 1964 hired farm working force (HFWF) and on the employment and cash earnings from farm and nonfarm wage work obtained during the year. Brief highlights point up some of the most pertinent facts from the detailed data in the statistical tables. The data were obtained from the annual survey conducted for the Economic Research Service by the Bureau of the Census as a supplementary part of the regular Current Population Survey made in December 1964.

Estimates in this report are based on sample data; thus, they are subject to sampling variability. They may differ somewhat from the results that would have been obtained from another sample, or from a complete census using the same schedules, instructions, and interviewers. A discussion of the survey coverage, reliability of the estimates, and definitions or explanations of terms used is in the appendixes.

The 1964 HFWF survey schedule incorporated some changes designed to improve the statistics on the number of days of farm wage work and related cash earnings. Therefore, statistics on these items may not be strictly comparable with similar data for earlier years. The estimates in this report are based on advance tabulations and may differ somewhat from estimates to be published later based on subsequent tabulations. Additional reports on the 1964 HFWF will include more analysis of the data presented here and also information on monthly employment and earnings from farm wage work, migratory workers and their children traveling with them, the types of nonfarm work done by farm wage workers, educational attainment of workers 25 years old and over, and on size of household and annual income of households which had one or more persons who did farm wage work in 1964.

### SIZE OF THE 1964 HIRED FARM WORKING FORCE (table 1)

About 3.4 million different persons did some work on farms for cash wages or salary in 1964. (Excluded are persons not in the civilian noninstitutional population 14 years old and over at the time of the survey.)

-- Casual workers (those who did less than 25 days of farm wage work) declined from 1.7 million in 1963 to 1.4 million in 1964. Noncasual workers (those who did 25 days or more of farm wage work) remained about the same as in 1963, 2.0 million. It is not known to what extent the procedure utilized in 1964 to obtain information on days worked contributed to the differences in the

numbers of casual and noncasual workers in the 2 years. In 1964, information on number of days worked was obtained for each month rather than for the entire year, as was done in 1963 and most prior years. Most of the increase in noncasual workers occurred in the group doing 25-74 days of farm wage work. Thus, it can probably be assumed that the new procedure had the effect of classifying some persons in the 25 -to 74-day category who would have been in the group doing less than 25 days of farm wage work under the old procedure.

- Male noncasual workers numbered about the same in 1964 as in the previous year, but female noncasuals increased in number. Among casual workers, the number of males declined about 20 percent and the number of females declined about 24 percent between 1963 and 1964.

#### TREND IN NUMBER OF HIRED FARMWORKERS (tables 1-3)

Averages based on data for several years instead of individual years probably reflect better the long-time trends in the number of hired farmworkers. By using averages for the 5-year periods 1945-49 and 1960-64, it can be seen that:

- The average number of hired farmworkers has not changed significantly. This is in contrast to the steady decline that has occurred among farm operators and unpaid family workers employed on farms.
- Casual workers of both sexes, as well as noncasual female workers, have increased. Noncasual male workers have declined.
- Among noncasual workers, seasonal workers (those who did 25-149 days of farm wage work) have averaged about the same in number. Regular workers (those who did 150-249 days of work) have declined about 10 percent. The biggest proportional decline has occurred among year-round workers (those who did 250 days or more of work), where the number dropped nearly one-third.

#### COMPOSITION AND RESIDENCE OF THE 1964 HIRED FARM WORKING FORCE (table 4)

The HFWF is customarily a very heterogeneous group. Among these workers:

- 71 percent were men and boys.
- 69 percent were white.
- Only about a fourth were engaged chiefly in farm wage work.
- Over half (primarily housewives and students) were not in the labor force most of the year.
- The median age was 25.3 years.

- Over one-fourth were young people 14-17 years of age.
- Two-thirds of the 1964 HFWF lived in nonfarm places at the time of the survey, although some of them may have lived on farms at some time during the year.
- About 11 percent did some farm wage work outside their home counties. These are considered domestic migratory workers, although a small proportion may actually be imported foreign workers.
- Over half lived in the South and about one-tenth in the Northeastern States. The remainder were about equally located in the North Central and Western States.

#### MAN-DAYS OF FARM WAGE WORK DONE BY SELECTED GROUPS (table 5)

Workers included in the survey did about 271 million man-days of work on farms, about one-fourth of the total number of days of labor on farms in 1964. Groups of workers contributed varying proportions of the total man-days of hired farm work. (See figure 1.)

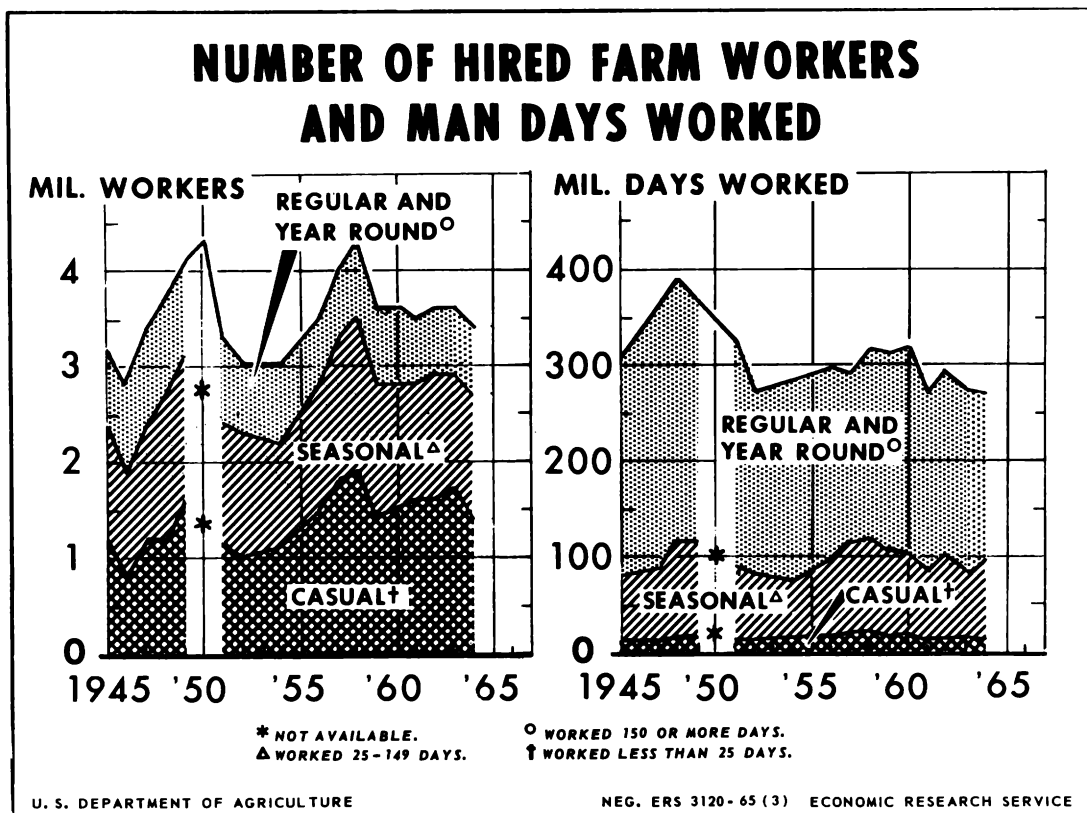


Figure 1

- White and nonwhite, and migratory and nonmigratory workers contributed man-days of work about equivalent to the proportions they represented of the HFWF.
- Regular and year-round workers, who comprised about one-fifth of the HFWF, did about two-thirds of the total number of man-days of farm wage work. This is in contrast to the situation some 15 or 20 years ago when these workers comprised about one-fourth of the HFWF and did about three-fourths of the man-days of work.
- Casual workers, who made up about two-fifths of the HFWF, did about 5 percent of the 271 million man-days of farm wage work.

#### AVERAGE NUMBER OF DAYS OF FARM WAGE WORK AND RELATED EARNINGS (tables 6-10)

As a group, hired farmworkers earned about \$7.15 a day in cash wages from their farm wage work in 1964. For an average of 80 days of such work, they earned \$578. It should be noted that throughout this report daily and yearly earnings refer only to the cash wages received by workers and do not include the value of perquisites or fringe benefits furnished without charge by the employer.

Average days of work, daily earnings, and yearly earnings were higher in 1964 than in the previous year. However, care should be exercised in interpreting year-to-year changes in these averages because of sampling variability and procedural changes introduced in the 1964 survey. Appendix A contains estimates of the standard errors of various types of averages. In 1964, in contrast to previous years, workers were asked to report the average amount earned per day for the days worked in each month. Estimates of the total year's earnings from farm wage work were computed from the number of days worked and the average wages earned per day.

One of the major features of the HFWF is the great variation among major groups in the average number of days of employment and related daily and yearly earnings from farm wage work. In 1964:

- 1.4 million casuuls averaged 9 days of work and earned \$57.
- 2.0 million noncasuals averaged 129 days and earned \$933.

On the average, casual workers earned \$5.85 a day when they worked on farms.

- Men averaged \$6.90 a day and women \$5.15.
- Nonmigratory workers averaged \$5.80 a day; domestic migratory workers earned \$6.75.
- Persons who were heads of households averaged \$7.05 a day; other household members earned \$5.50.

Even among noncasuals, many are not in the labor force, or they do types of work other than farm wage work most of the year. As shown in figure 2, since 1947-49 the proportion of noncasuals whose chief activity was farm wage work has been declining and the proportion not in the labor force has been increasing.

Among the noncasuals:

- 1.3 million seasonals averaged 64 days of work and earned \$400 from farm wage work.
- 0.3 million regulars averaged 198 days and earned \$1,432.
- 0.3 million year-rounds averaged 321 days and earned \$2,560.
- Whites averaged 134 days at \$8.15 a day, earning \$1,094 in cash wages.
- Nonwhites averaged 119 days at \$5.10 a day, earning \$609.
- Workers in the West received the highest daily wages, \$11.15; those in the South received the lowest, \$5.75.
- Nonmigratory workers averaged 131 days at \$6.95 a day, earning \$910.
- Domestic migratory workers averaged 120 days at \$9.00 a day, earning \$1,083.

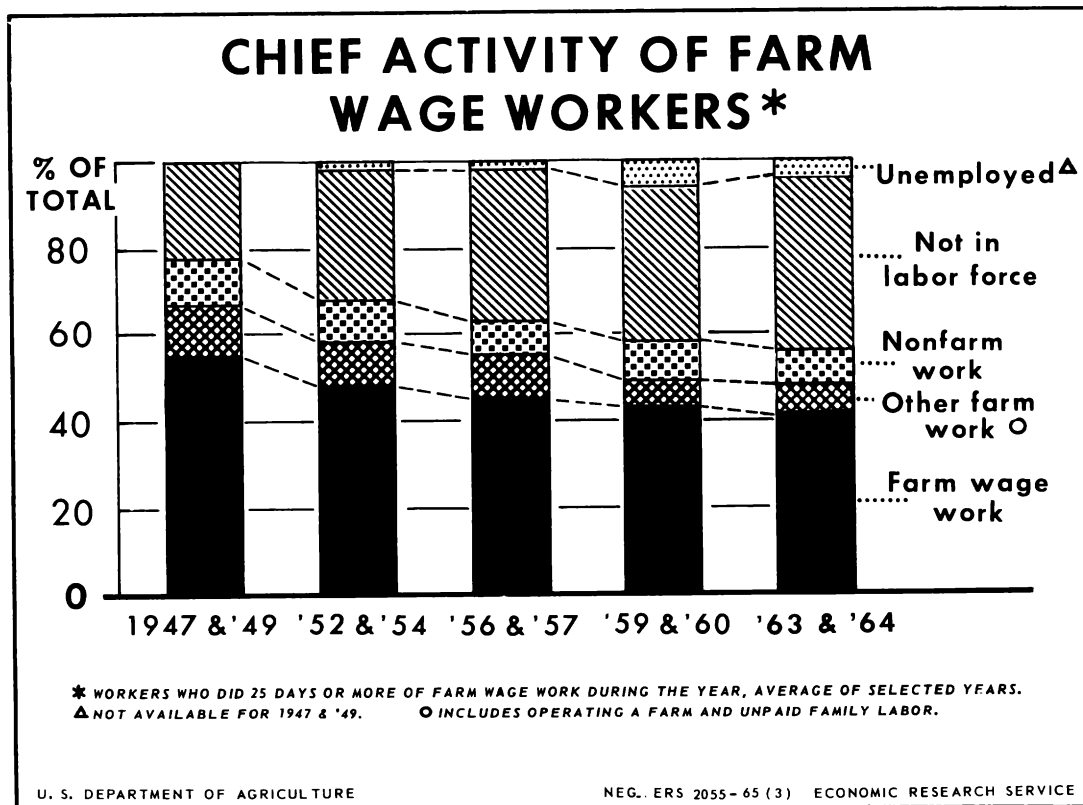


Figure 2

AVERAGE EMPLOYMENT AND EARNINGS OF WORKERS WHO DID FARM WAGE WORK  
ONLY AND THOSE WHO DID FARM AND NONFARM WAGE WORK (tables 11 and 12)

About 2.1 million persons did farm wage work only (FWO workers) and about 1.3 million were employed at both farm and nonfarm wage work (FNF workers) in 1964. All of the drop in the total number of persons doing farm wage work between 1963 and 1964 occurred among FWO workers. FNF workers increased by a small proportion.

- FWO workers had about 100 days of farm wage employment and earned \$698.
- FNF workers did an average of 98 days of nonfarm wage work and 49 days of farm wage work and earned total wages of \$1,379.
- FWO workers earned about \$6.95 a day from farm wage work; FNF workers averaged about \$7.70 a day.
- FNF workers earned about \$10.10 a day from their nonfarm wage work.



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Table 1.--Number of persons who did any farm wage work during the year,  
by sex, selected years, 1945-64

Year	All farm wage workers			Workers who did 25 days or more of farm wage work during the year			Workers who did less than 25 days of farm wage work during the year		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.
1945	3,212	2,375	837	1,965	1,576	389	1,247	799	448
1946	2,770	2,120	650	1,953	1,584	369	817	536	281
1947	3,394	2,587	807	2,215	1,864	351	1,179	723	456
1948	3,752	2,820	932	2,502	2,036	466	1,250	784	466
1949	4,140	3,021	1,119	2,510	2,001	509	1,630	1,020	610
1950	4,342	3,221	1,121	---	---	---	---	---	---
1951	3,274	2,392	882	2,156	1,718	438	1,118	674	444
1952	2,980	2,218	762	1,972	1,558	414	1,008	660	348
1954	3,009	2,237	772	1,908	1,544	364	1,101	693	408
1956	3,575	2,525	1,050	2,078	1,553	525	1,497	972	525
1957	3,962	2,765	1,197	2,200	1,673	527	1,762	1,092	670
1958	4,212	2,987	1,225	2,319	1,788	531	1,893	1,199	694
1959	3,577	2,570	1,007	2,166	1,690	476	1,412	880	531
1960	3,693	2,664	1,029	2,162	1,698	463	1,531	966	566
1961	3,488	2,445	1,043	1,889	1,468	421	1,600	978	622
1962	3,622	2,551	1,071	2,067	1,576	492	1,555	976	579
1963	3,597	2,615	983	1,862	1,480	382	1,735	1,135	601
1964	3,370	2,398	972	2,001	1,487	514	1,369	911	458

Figures for workers for 1959 and succeeding years are rounded to the nearest thousand without being adjusted to group totals.

Table 2.--Number of persons who did any farm wage work during the year, by duration of farm wage work, average 1945-49 and 1960-64

Year	Total workers	Duration of farm wage work			
		Less than 25 days	25 - 149 days	150 - 249 days	250 days and over
		Thou.	Thou.	Thou.	Thou.
Average:					
1945-49	3,454	1,225	1,296	354	579
1960-64	3,554	1,558	1,275	318	402
Percentage change	+3	+27	-2	-10	-31
Percentage distribution					
		Pct.	Pct.	Pct.	Pct.
Average:					
1945-49	100	35	38	10	17
1960-64	100	44	36	9	11

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.

Table 3.--Number of persons who did any farm wage work during the year, by duration of farm wage work and sex, average 1945-49 and 1960-64

Year	Total workers			Duration of farm wage work					
				25 days or more			Less than 25 days		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.
Average:									
1945-49	3,454	2,585	869	2,229	1,812	417	1,225	772	452
1960-64	3,554	2,535	1,020	1,996	1,542	455	1,558	993	565
Percentage change	+3	-2	+17	-10	-15	+9	+27	+29	+25
Percentage distribution									
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Average:									
1945-49	100	75	25	100	81	19	100	63	37
1960-64	100	71	29	100	77	23	100	64	36

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.

Table 4.--Number and percentage distribution of farm wage workers, by selected characteristics, 1964

Selected characteristics	Number of workers			Percentage distribution		
	Total	Male	Female	Total	Male	Female
	workers	Thou.	Thou.	workers	Pct.	Pct.
ALL WORKERS, 1964	3,370	2,398	972	100	100	100
COLOR						
White	2,322	1,796	527	69	75	54
Nonwhite	1,048	603	445	31	25	46
CHIEF ACTIVITY						
Farm work	1,036	909	127	31	38	13
Farm wage work	818	721	97	24	30	10
Without nonfarm work	629	561	68	19	23	7
With nonfarm work	190	160	29	5	7	3
Other farm work 1/	218	188	30	7	8	3
Nonfarm work	412	361	51	12	15	5
Unemployed	96	90	6	3	4	1
Not in labor force	1,826	1,038	788	54	43	81
Keeping house	548	17	531	16	1	55
Attending school	1,122	873	249	33	36	25
Other	155	148	7	5	6	1
RESIDENCE AND AGE						
All workers	3,370	2,398	972	100	100	100
14-17 years	950	709	242	28	30	25
18-24	723	538	185	21	22	19
25-34	433	285	147	13	12	15
35-44	421	253	168	13	11	17
45-54	380	245	134	11	10	14
55-64	309	237	72	9	10	7
65 and over	155	131	24	5	5	3
Farm	1,130	813	318	100	100	100
14-17 years	267	207	60	23	26	19
18-24	229	167	62	20	21	20
25-34	143	98	45	13	12	14
35-44	144	93	52	13	11	16
45-54	160	106	54	14	13	17
55-64	134	98	36	12	12	11
65 and over	53	44	9	5	5	3
Nonfarm	2,240	1,584	655	100	100	100
14-17 years	683	501	182	30	32	28
18-24	494	371	123	22	23	19
25-34	290	187	103	13	12	16
35-44	277	161	116	12	10	18
45-54	220	139	80	10	9	12
55-64	175	138	36	8	9	5
65 and over	102	87	15	5	5	2
MIGRATORY STATUS AND AGE						
Migratory	386	280	107	100	100	100
14-17 years	114	71	44	30	25	41
18-24	74	55	19	19	20	18
25-34	46	37	9	12	13	8
35-44	76	51	25	20	18	23
45-54	38	33	5	10	12	5
55-64	29	27	2	7	10	2
65 and over	9	6	3	2	2	3

See footnotes at end of table.

Table 4.--Number and percentage distribution of farm wage workers, by selected characteristics, 1964--Continued

Selected characteristics	Number of workers			Percentage distribution		
	Total	Male	Female	Total	Male	Female
	workers	Thou.	Thou.	workers	Pct.	Pct.
ALL WORKERS, 1964--Continued						
Nonmigratory	2,984	2,118	865	100	100	100
14-17 years	836	637	198	28	30	23
18-24	649	483	166	22	23	19
25-34	387	248	139	13	12	16
35-44	345	203	143	12	9	17
45-54	342	212	129	11	10	15
55-64	279	209	70	9	10	8
65 and over	146	125	21	5	6	2
REGION	3,370	2,398	972	100	100	100
Northeast	292	233	59	9	10	6
North Central	632	568	63	19	24	6
South	1,797	1,131	667	53	47	69
West	649	466	183	19	19	19
WORKERS WHO DID 25 DAYS OR MORE OF FARM WAGE WORK						
MIGRATORY STATUS AND AGE						
All workers	2,001	1,487	514	100	100	100
14-17 years	424	321	103	21	22	20
18-24	434	342	91	22	23	18
25-34	304	218	86	15	15	17
35-44	271	177	94	14	12	18
45-54	268	185	83	13	12	16
55-64	218	168	50	11	11	10
65 and over	83	75	8	4	5	1
Migratory	272	203	69	100	100	100
14-17 years	56	34	22	21	16	32
18-24	52	42	10	19	21	15
25-34	37	30	7	14	15	10
35-44	64	42	23	23	21	33
45-54	30	28	2	11	14	3
55-64	25	23	2	9	11	3
65 and over	7	4	3	3	2	4
Nonmigratory	1,729	1,284	446	100	100	100
14-17 years	368	287	81	21	22	18
18-24	382	300	81	22	23	18
25-34	267	188	79	16	15	18
35-44	206	135	71	12	11	16
45-54	238	157	81	14	12	18
55-64	193	145	48	11	11	11
65 and over	76	71	5	4	6	1
TOTAL FARM WAGES EARNED	2,001	1,487	514	100	100	100
Under \$100	130	87	43	7	6	8
\$100 - \$199	307	155	151	15	10	29
\$200 - \$399	412	251	161	21	17	31
\$400 - \$599	316	221	95	16	15	19
\$600 - \$999	226	189	38	11	13	8
\$1,000 - \$1,999	350	333	17	17	22	3
\$2,000 and over	260	251	10	13	17	2

See footnotes at end of table.

Table 4.--Number and percentage distribution of farm wage workers, by selected characteristics, 1964--Continued

Selected characteristics	Number of workers			Percentage distribution		
	Total	Male	Female	Total	Male	Female
	workers			workers		
	Thou.	Thou.	Thou.	Pct.	Pct.	Pct.
WORKERS WHO DID 25 DAYS OR MORE OF FARM WAGE WORK -- Continued						
TOTAL FARM AND NONFARM WAGES EARNED	2,001	1,487	514	100	100	100
Under \$100	12	7	5	1	2/	1
\$100 - \$199	105	61	44	5	4	9
\$200 - \$399	247	128	119	12	9	23
\$400 - \$599	242	128	114	12	9	22
\$600 - \$999	278	194	83	14	13	16
\$1,000 - \$1,399	230	186	44	12	13	9
\$1,400 - \$1,999	240	196	43	12	13	8
\$2,000 and over	648	586	62	32	39	12
WORKERS WHO DID LESS THAN 25 DAYS OF FARM WAGE WORK, 1964						
MIGRATORY STATUS, AND AGE						
All workers	1,369	912	457	100	100	100
14-17 years	526	387	139	39	42	30
18-24	289	196	94	21	22	21
25-34	129	67	62	9	7	14
35-44	151	76	74	11	8	16
45-54	112	60	52	8	7	11
55-64	91	69	21	7	8	5
65 and over	72	56	16	5	6	3
Migratory	114	77	3/38	100	100	
14-17 years	58	37	22	51	48	
18-24	22	13	9	19	17	
25-34	9	7	2	8	9	
35-44	12	9	2	10	12	
45-54	8	5	3	7	6	
55-64	4	4	---	3	5	
65 and over	2	2	---	2	3	
Nonmigratory	1,255	834	419	100	100	100
14-17 years	468	350	117	37	42	28
18-24	267	183	85	21	22	20
25-34	120	60	60	10	7	14
35-44	139	68	72	11	8	17
45-54	104	55	48	8	7	12
55-64	86	64	22	7	8	5
65 and over	70	54	16	6	6	4

1/ Includes operating a farm and unpaid family labor.

2/ Less than 0.5 percent.

3/ Percentages not shown where base is less than 50,000 persons.

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.

Table 5.--Number and percentage distribution of farm wage workers, and man-days of farm wage work, by selected characteristics, 1964

Selected characteristics	Number of workers			Man-days of farm wage work		
	Total	Male	Female	Total	Male	Female
	Thou.	Thou.	Thou.	Mil.	Mil.	Mil.
ALL WORKERS, 1964	3,370	2,398	972	271	228	43
COLOR						
White	2,322	1,796	527	188	171	18
Nonwhite	1,048	603	445	83	58	25
MIGRATORY STATUS						
Migratory	386	280	107	34	26	7
Nonmigratory	2,984	2,118	865	237	201	35
DURATION OF FARM WAGE WORK						
Less than 25 days	1,369	912	457	13	8	5
25-74	924	580	344	41	26	15
75-149	413	286	128	45	31	14
150-249	326	292	33	64	58	6
250 and over	338	329	9	109	106	3
Percentage distribution						
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
ALL WORKERS, 1964	100	100	100	100	100	100
COLOR						
White	69	75	54	69	75	42
Nonwhite	31	25	46	31	25	58
MIGRATORY STATUS						
Migratory	11	12	11	13	11	17
Nonmigratory	89	88	89	87	89	83
DURATION OF FARM WAGE WORK						
Less than 25 days	41	38	47	5	4	12
25-74	27	24	36	15	11	35
75-149	12	12	13	16	14	32
150-249	10	12	3	24	25	14
250 and over	10	14	1	40	46	7

Figures for workers are rounded to the nearest thousand, and figures for man-days worked are rounded to the nearest million without being adjusted to group totals.

Table 6.--Number and percentage distribution of farm wage workers, by selected characteristics, and duration of farm wage work, 1964

Selected characteristics	Total workers	Number working--					Total workers	Percentage working				
		Less than 25 days	25-74 days	75-149 days	150-249 days	250 days and over		Less than 25 days	25-74 days	75-149 days	150-249 days	250 days and over
		Thou.	Thou.	Thou.	Thou.	Thou.		Pct.	Pct.	Pct.	Pct.	Pct.
ALL WORKERS, 1964	3,370	1,369	924	413	326	338	100	41	27	12	10	10
COLOR												
White	2,322	983	639	232	197	271	100	42	28	10	8	12
Nonwhite	1,048	386	284	181	128	68	100	37	27	17	12	7
SEX AND AGE												
Both sexes												
14-17 years	951	526	332	73	9	11	100	55	35	8	1	1
18-24	723	290	215	92	60	67	100	40	30	13	8	9
25-34	432	129	107	63	65	70	100	30	25	14	15	16
35-44	421	150	86	70	58	56	100	36	20	17	14	13
45-54	379	112	79	57	68	65	100	29	21	15	18	17
55-64	309	90	70	41	48	60	100	29	23	13	16	19
65 and over	155	72	36	17	20	11	100	46	23	11	13	7
Males	2,398	912	581	286	293	330	100	38	24	12	12	14
14-17 years	709	387	256	48	7	11	100	55	36	7	1	1
18-24	538	196	146	72	58	67	100	36	27	13	11	13
25-34	285	67	61	33	57	68	100	23	21	12	20	24
35-44	253	76	34	40	48	54	100	30	14	16	19	21
45-54	245	60	21	41	63	61	100	24	8	17	26	25
55-64	237	69	33	35	42	58	100	29	14	15	18	24
65 and over	131	56	30	17	18	11	100	42	23	13	14	8
Females	972	457	344	127	35	10	100	47	36	13	3	1
14-17 years	242	139	76	25	2	---	100	58	31	10	1	---
18-24	185	94	69	20	2	---	100	51	37	11	1	---
25-34	147	62	46	30	8	2	100	42	31	20	6	1
35-44	168	74	52	30	10	2	100	44	31	18	6	1
45-54	134	52	58	16	5	4	100	38	43	12	4	3
55-64	72	21	37	6	6	2	100	29	52	8	8	3
65 and over 1/	24	16	6	---	2	---	---	---	---	---	---	---
RESIDENCE												
Farm	1,130	381	289	155	126	179	100	34	25	14	11	16
Nonfarm	2,240	988	635	258	199	159	100	44	28	12	9	7
MIGRATORY STATUS												
Migratory	386	114	102	88	66	16	100	30	26	23	17	4
Nonmigratory	2,984	1,255	821	326	260	323	100	42	27	11	9	11
REGION												
Northeast	292	122	69	23	18	60	100	42	24	8	6	20
North Central	632	272	174	76	46	63	100	43	28	12	7	10
South	1,797	731	481	238	194	153	100	41	27	13	11	8
West	649	245	199	76	67	63	100	38	30	12	10	10

1/ Percentages not shown where base is less than 50,000 persons.

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.



Table 7.--Average number of days worked and wages earned at farm and nonfarm wage work, for all farm wage workers, by selected characteristics, 1964

Selected characteristics	Farm and nonfarm					Farm		Nonfarm		
	Number	Wages earned		Wages earned		Wages earned		Wages earned		
	of	Days	Per	Per	Days	Per	Per	Days	Per	Per
	workers	worked	year	day 1/	worked	year	day 1/	worked	year	day 1/
	Thou.	No.	Dol.	Dol.	No.	Dol.	Dol.	No.	Dol.	Dol.
ALL WORKERS, 1964	3,370	118	956	8.05	80	578	7.15	38	378	10.10
COLOR AND SEX										
White	2,322	124	1,123	9.05	81	657	8.05	43	466	10.90
Nonwhite	1,048	105	586	5.55	79	401	5.05	26	185	7.10
Male	2,398	139	1,202	8.60	95	719	7.50	44	483	11.00
White	1,796	144	1,340	9.25	95	782	8.20	49	558	11.40
Nonwhite	603	125	790	6.30	96	529	5.50	29	261	9.00
Female	972	66	349	5.25	44	229	5.15	22	120	5.55
White	527	55	381	6.90	34	230	6.71	21	151	7.15
Nonwhite	445	79	311	3.95	56	228	4.00	23	83	3.70
CHIEF ACTIVITY										
Farm work	1,036	194	1,523	7.80	182	1,409	7.70	12	114	9.30
Farm wage work	818	231	1,829	7.90	219	1,707	7.75	12	122	10.30
Without nonfarm work	629	238	1,818	7.65	238	1,818	7.65	---	---	---
With nonfarm work	190	209	1,866	8.90	158	1,341	8.45	51	525	10.30
Other farm work 2/	218	57	376	6.60	43	288	6.70	14	88	6.25
Nonfarm work	412	223	2,585	11.55	34	271	7.95	189	2,314	12.20
Unemployed	96	73	570	7.70	38	269	6.95	35	301	8.55
Not in labor force	1,826	53	286	5.35	36	191	5.30	17	95	5.40
Keeping house	548	52	267	5.10	38	196	5.15	14	71	5.10
Attending school	1,122	54	283	5.15	35	179	5.10	19	104	5.25
Other	155	51	381	7.45	35	263	7.35	16	118	7.70
RESIDENCE, SEX, AND DURATION OF FARM WAGE WORK										
All workers										
Less than 25 days	1,369	62	581	9.35	9	57	5.85	53	524	10.00
25-74	924	83	685	8.20	44	278	6.25	39	407	10.50
75-149	413	133	940	7.00	108	674	6.20	25	266	10.40
150-249	326	212	1,585	7.45	198	1,432	7.20	14	153	10.80
250 and over	338	332	2,628	7.90	321	2,560	7.95	11	68	6.40*
Farm workers	1,130	121	768	6.30	104	622	5.95	17	146	8.45
Less than 25 days	381	37	283	7.60	10	62	6.05	27	221	8.20
25-74	289	59	362	6.05	45	237	5.20	14	125	8.70
75-149	155	123	651	5.30	106	510	4.80	17	141	8.40
150-249	126	211	1,377	6.50	199	1,236	6.20	12	141	11.60*
250 and over	179	336	2,122	6.30	330	2,093	6.35	6	29	5.15*
Nonfarm workers	2,240	116	1,051	9.00	69	555	8.05	47	496	10.40
Less than 25 days	988	71	696	9.65	9	56	5.80	62	640	10.30
25-74	635	94	832	8.85	44	296	6.70	50	536	10.75
75-149	258	140	1,113	7.95	109	772	7.05	31	341	11.10
150-249	199	213	1,716	8.05	197	1,555	7.85	16	161	10.45
250 and over	159	328	3,200	9.75	311	3,085	9.90	17	115	6.85*
Males										
Less than 25 days	912	74	783	10.45	9	59	6.35	65	724	11.05
25-74	580	93	874	9.35	44	311	7.00	49	563	11.50
75-149	286	140	1,078	7.70	107	728	6.75	33	350	10.85
150-249	292	215	1,683	7.80	200	1,514	7.55	15	169	11.25
250 and over	329	332	2,620	7.90	321	2,549	7.95	11	71	6.40*
Females										
Less than 25 days	457	37	178	4.80	10	54	5.00	27	124	4.70
25-74	344	66	365	5.50	44	223	5.00	22	142	6.65
75 and over	171	144	775	5.35	136	714	5.25	8	61	6.65*

See footnotes at end of table.

Table 7.--Average number of days worked and wages earned at farm and nonfarm wage work, for all farm wage workers, by selected characteristics, 1964--Continued

Selected characteristics	Number of workers	Farm and nonfarm				Farm		Nonfarm						
		Days worked		Wages earned		Days worked		Wages earned		Days worked		Wages earned		
		Per year	Per day 1/	Per year	Per day 1/	Per year	Per day 1/	Per year	Per day 1/	Per year	Per day 1/	Per year	Per day 1/	
		Thou.	No.	Dol.	Dol.	No.	Dol.	Dol.	No.	Dol.	Dol.	No.	Dol.	Dol.
MIGRATORY STATUS AND DURATION OF FARM WAGE WORK														
Migratory	386	131	1,240	9.45	87	782	8.95	44	458	10.50				
Less than 25 days	114	72	430	5.95	9	66	6.75	63	364	5.80				
25-74	102	113	1,451	12.85	44	442	10.00	69	1,009	14.65				
75-149	88	125	1,062	8.45	108	853	7.85	17	209	12.30*				
150-and over	82	241	2,302	9.55	228	2,134	9.35	13	168	12.20*				
Nonmigratory	2,984	116	919	7.85	80	551	6.90	36	368	10.05				
Less than 25 days	1,255	61	595	9.70	9	57	5.80	52	538	10.45				
25-74	821	79	589	7.40	44	258	5.75	35	331	9.50				
75-149	326	136	907	6.65	108	626	5.80	28	281	10.10				
150-249	260	210	1,487	7.05	196	1,349	6.85	14	138	10.40				
250 and over	323	332	2,577	7.75	321	2,505	7.80	11	72	6.40*				
REGION AND COLOR														
Northeast	292	162	1,388	8.55	102	763	7.45	60	625	10.40				
White	270	163	1,388	8.50	108	806	7.50	55	582	10.55				
Nonwhite 3/	22	---	---	---	---	---	---	---	---	---				
North Central	632	124	1,063	8.50	75	538	7.10	49	525	10.75				
White	603	126	1,086	8.65	76	546	7.20	50	540	10.85				
Nonwhite 3/	28	---	---	---	---	---	---	---	---	---				
South	1,797	108	690	6.40	79	454	5.70	29	236	8.20				
White	839	112	875	7.75	78	540	6.95	34	335	9.75				
Nonwhite	958	104	528	5.10	80	379	4.75	24	149	6.35				
West	649	121	1,395	11.50	80	874	10.90	41	521	12.75				
White	609	120	1,383	11.50	79	861	10.85	41	522	12.80				
Nonwhite 3/	40	---	---	---	---	---	---	---	---	---				
REGION, MIGRATORY STATUS, AND COLOR														
All workers														
Migratory														
White	297	125	1,281	10.25	81	795	9.80	44	486	11.05				
Nonwhite	89	151	1,104	7.30	109	740	6.75	42	364	8.60*				
Nonmigratory														
White	2,025	124	1,100	8.85	81	637	7.80	43	463	10.90				
Nonwhite	959	101	538	5.30	76	370	4.80	25	168	6.85				
South														
Migratory	178	133	1,091	8.15	100	776	7.75	33	315	9.55				
White	123	127	1,163	9.15	87	764	8.75	40	399	10.05*				
Nonwhite	55	148	930	6.30	129	802	6.20	19	128	6.90*				
Nonmigratory	1,619	105	645	6.15	77	419	5.45	28	226	8.10				
White	716	110	825	7.50	76	502	6.55	34	323	9.65				
Nonwhite	903	101	503	4.95	77	353	4.55	24	150	6.30				
West														
Migratory	102	120	1,520	12.70	87	1,029	11.80	33	491	15.35*				
White	89	117	1,541	13.15	87	1,043	11.90	30	498	16.85*				
Nonwhite 3/	13	---	---	---	---	---	---	---	---	---				
Nonmigratory	547	121	1,372	11.35	78	846	10.75	43	526	12.45				
White	520	121	1,356	11.15	78	830	10.55	43	526	12.20				
Nonwhite 3/	27	---	---	---	---	---	---	---	---	---				

1/ Rounded to the nearest 5 cents. 2/ Includes operating a farm and unpaid family labor. 3/ Averages not shown where base is less than 50,000 persons.

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.

\*Number of workers who did nonfarm wage work is less than 50,000.

Table 8.--Percentage distribution of farm wage workers, by selected characteristics and average daily earnings at farm wage work, 1964

Selected characteristics	Number	Average daily earnings from farm wage work								Median
	of workers	Total	Less than \$3.00	\$3.00-\$4.99	\$5.00-\$6.99	\$7.00-\$8.99	\$9.00-\$10.99	\$11.00-\$12.99	\$13.00 and over	1/
	Thous.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Dol.
ALL WORKERS, 1964	3,370	100	13	29	23	15	10	5	5	5.70
COLOR AND SEX										
White	2,322	100	12	20	23	18	13	6	8	6.55
Nonwhite	1,048	100	17	47	22	8	4	1	1	4.40
Male	2,398	100	11	22	25	18	12	5	7	6.35
White	1,796	100	10	16	24	20	15	6	9	7.00
Nonwhite	603	100	13	41	27	11	5	2	1	4.80
Female	972	100	19	44	19	8	5	3	2	4.40
White	527	100	17	34	20	11	9	5	4	4.95
Nonwhite	445	100	22	56	17	4	1	2/	2/	4.00
AGE, MIGRATORY STATUS, AND SEX										
14-19 years	1,292	100	21	29	22	15	8	3	2	5.00
Migratory	153	100	16	18	22	26	9	7	2	6.45
Nonmigratory	1,139	100	21	31	21	14	8	3	2	4.85
20 years and over	2,078	100	9	28	23	15	11	6	8	6.10
Migratory	233	100	1	12	19	25	18	14	11	8.40
Male	175	100	---	10	19	26	19	14	12	8.60
Female	57	100	6	19	18	21	17	12	7	7.65
Nonmigratory	1,845	100	10	30	24	14	11	4	7	5.85
Male	1,249	100	7	22	26	17	13	5	10	6.65
Female	596	100	16	48	20	6	5	3	2	4.40
DURATION OF FARM WAGE WORK										
Less than 25 days	1,369	100	16	29	24	16	8	3	4	5.45
25-74	924	100	15	32	21	12	11	4	5	5.30
75-149	413	100	9	35	22	11	12	6	5	5.55
150-249	326	100	8	19	26	22	11	8	6	6.75
250-299	97	100	4	30	18	17	8	7	16	6.80
300 and over	241	100	13	16	20	15	15	8	13	7.25
REGION AND SEX										
Northeast	292	100	11	18	16	17	19	7	12	7.50
Male	233	100	12	19	17	17	17	8	10	7.25
Female	59	100	6	18	13	13	25	6	19	9.00
North Central	632	100	11	13	33	22	12	3	6	6.55
Male	568	100	10	12	32	24	13	3	6	6.75
Female	63	100	14	28	42	11	5	---	---	5.40
South	1,797	100	15	40	24	12	6	2	1	4.75
Male	1,131	100	11	34	27	16	8	3	1	5.35
Female	667	100	20	51	19	6	2	1	1	4.20
West	649	100	14	16	12	15	17	12	14	8.15
Male	466	100	9	10	13	16	20	13	19	9.15
Female	183	100	24	29	11	12	10	10	4	4.75

1/ Rounded to the nearest 5 cents. 2/ Less than 0.5 percent.

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.

Table 9.--Average number of days worked and wages earned at farm and nonfarm wage work for persons who did 25 days or more of farm wage work, by selected characteristics, 1964

Selected characteristics	Number of workers	Farm and nonfarm				Farm		Nonfarm		
		Wages earned				Wages earned		Wages earned		
		Days worked	Per year	Per day 1/	Days worked	Per year	Per day 1/	Days worked	Per year	Per day 1/
		Thou.	No.	Dol.	No.	Dol.	Dol.	No.	Dol.	Dol.
WORKERS WHO DID 25 DAYS OR MORE OF FARM WAGE WORK, 1964	2,001	156	1,213	7.75	129	933	7.20	27	280	10.25
COLOR AND SEX										
White	1,340	166	1,451	8.70	134	1,094	8.15	32	357	11.20
Nonwhite	662	137	730	5.30	119	609	5.10	18	121	6.75
Male	1,487	179	1,459	8.15	148	1,123	7.55	31	336	10.95
White	1,100	185	1,636	8.84	149	1,236	8.25	36	400	11.40
Nonwhite	386	162	954	5.85	144	801	5.55	18	153	8.45
Female	514	92	501	5.45	74	385	5.15	18	116	6.65
White	239	80	597	7.45	63	437	6.90	17	160	9.35
Nonwhite	275	102	417	4.05	84	340	4.00	18	77	4.35
SEX AND AGE										
Both sexes										
14-17 years	424	72	359	5.00	63	316	4.95	9	43	5.00
18-24	434	160	1,298	8.05	121	887	7.30	39	411	10.50
25-34	304	203	1,839	9.05	152	1,258	8.25	51	581	11.40
35-44	271	182	1,709	9.35	155	1,309	8.45	27	400	14.70
45-54	268	187	1,407	7.50	164	1,222	7.40	23	185	7.90
55-64	218	186	1,186	6.35	167	1,076	6.45	19	110	5.60
65 and over	83	139	667	4.80	130	614	4.70	9	53	6.20*
Male										
14-17 years	322	74	353	4.75	65	311	4.80	9	42	4.60
18-24	343	179	1,498	8.35	136	1,037	7.60	43	461	10.75
25-34	218	243	2,354	9.65	178	1,569	8.80	65	785	11.95
35-44	177	223	2,268	10.15	191	1,760	9.20	32	508	15.90
45-54	185	225	1,808	8.00	202	1,578	7.80	23	230	10.10*
55-64	167	215	1,433	6.65	195	1,311	6.70	20	122	6.10*
65 and over	75	144	712	4.90	137	658	4.80	7	54	7.20*
CHIEF ACTIVITY										
Farm work	904	219	1,713	7.80	207	1,604	7.70	12	109	9.90
Farm wage work	811	232	1,836	7.90	221	1,722	7.75	11	114	10.10
Without nonfarm work	635	239	1,829	7.65	239	1,829	7.65	---	---	---
With nonfarm work	186	210	1,862	8.85	161	1,364	8.45	49	498	10.10
Other farm work 2/	93	97	640	6.55	88	574	6.45	9	66	7.65*
Nonfarm work	181	242	2,631	10.85	66	541	8.10	176	2,090	11.90
Unemployed 3/	49	---	---	---	---	---	---	---	---	---
Not in labor force	867	77	422	5.45	64	343	5.30	13	79	6.05
Keeping house	288	71	360	5.05	62	317	5.05	9	43	5.05
Attending school	505	80	430	5.30	65	336	5.10	15	94	6.15
Other	74	78	611	7.75	62	486	7.75	16	125	7.70*
REGION AND COLOR										
Northeast	170	213	1,673	7.85	169	1,245	7.35	44	428	9.70
White	162	211	1,642	7.75	175	1,289	7.35	36	353	9.85
Nonwhite 3/	8	---	---	---	---	---	---	---	---	---
North Central	360	170	1,370	8.00	126	891	7.05	44	479	10.75
White	336	175	1,420	8.10	129	924	7.15	46	496	10.80
Nonwhite 3/	24	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

Table 9.--Average number of days worked and wages earned at farm and nonfarm wage work for persons who did 25 days or more of farm wage work, by selected characteristics, 1964--Continued

Selected characteristics	Farm and nonfarm				Farm			Nonfarm		
	Number	Wages earned		Days worked	Wages earned		Days worked	Wages earned		
	of workers	Days worked	Per year		Per day 1/	Per year	Per day 1/	Days worked	Per year	Per day 1/
	Thou.	No.	Dol.	Dol.	No.	Dol.	Dol.	No.	Dol.	Dol.
REGION AND COLOR--Continued										
South	1,067	145	885	6.10	127	734	5.75	18	151	8.35
White	460	155	1,167	7.50	134	945	7.00	21	222	10.60
Nonwhite	607	137	671	4.90	121	575	4.75	16	96	6.10
West	404	151	1,744	11.45	122	1,365	11.15	29	379	12.90
White	382	152	1,738	11.40	121	1,338	11.05	31	400	12.90
Nonwhite 3/	23	---	---	---	---	---	---	---	---	---
REGION, MIGRATORY STATUS, AND COLOR										
All workers										
Migratory	272	155	1,581	10.15	120	1,083	9.00	35	498	14.00
White	200	153	1,729	11.25	115	1,150	9.90	38	579	15.50
Nonwhite	72	162	1,165	7.15	132	897	6.75	30	268	8.80*
Nonmigratory	1,729	157	1,155	7.35	131	910	6.95	26	245	9.45
White	1,139	168	1,402	8.30	137	1,084	7.85	31	318	10.30
Nonwhite	590	134	678	5.05	118	574	4.85	16	104	6.30
South										
Migratory	127	157	1,375	8.70	136	1,063	7.75	21	312	14.95*
White	82	154	1,567	10.15	126	1,116	8.80	28	451	16.35*
Nonwhite 3/	45	---	---	---	---	---	---	---	---	---
Nonmigratory	940	143	819	5.70	125	690	5.50	18	129	7.30
White	378	156	1,081	6.90	136	908	6.65	20	173	8.85
Nonwhite	562	134	642	4.75	118	543	4.60	16	99	6.05
West										
Migratory	72	150	1,999	13.30	119	1,423	11.90	31	576	18.75*
Nonmigratory	332	152	1,688	11.10	123	1,352	10.95	29	336	11.55
NONMIGRATORY WORKERS, SEX, AND COLOR										
Nonmigratory										
Male	1,284	181	1,419	7.85	151	1,113	7.30	30	306	10.40
White	941	188	1,611	8.55	154	1,238	8.00	34	373	10.80
Nonwhite	343	160	894	5.55	145	770	5.30	15	124	8.00
Female	446	87	392	4.50	71	325	4.55	16	67	4.20
White	198	73	411	5.60	58	351	5.95	15	60	4.15
Nonwhite	247	98	377	3.85	80	304	3.75	18	73	4.20
HOUSEHOLD STATUS, AND MIGRATORY STATUS										
Household heads	867	216	1,909	8.85	178	1,460	8.15	38	449	12.00
Migratory	125	197	2,208	11.20	150	1,505	10.05	47	703	14.90
Nonmigratory	742	219	1,858	8.50	183	1,453	7.90	36	405	11.40
Other household members	1,134	111	681	6.10	92	531	5.75	19	150	7.65
Migratory	147	120	1,048	8.70	95	725	7.65	25	323	12.55*
Nonmigratory	987	110	626	5.65	91	502	5.50	19	124	6.65

1/ Rounded to the nearest 5 cents.

2/ Includes operating a farm and unpaid family labor.

3/ Averages not shown where base is less than 50,000 persons.

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.

\*Number of workers who did nonfarm wage work is less than 50,000.

Table 10.--Average number of days worked and wages earned at farm and nonfarm wage work, for persons who did less than 25 days of farm wage work, by selected characteristics, 1964

Selected characteristics	Farm and nonfarm				Farm			Nonfarm		
	Number of workers	Days worked	Wages earned		Days worked	Wages earned		Days worked	Wages earned	
			Per year	Per day 1/		Per year	Per day 1/		Per year	Per day 1/
	Thou.	No.	Dol.	Dol.	No.	Dol.	Dol.	No.	Dol.	Dol.
WORKERS WHO DID LESS THAN 25 DAYS OF FARM WAGE WORK, 1964	1,369	62	581	9.35	9	57	5.85	53	524	10.00
SEX AND AGE										
Both sexes										
14-17 years	526	31	120	3.90	10	51	4.95	21	69	3.35
18-24	290	88	829	9.40	9	59	6.35	79	770	9.75
25-34	129	105	1,496	14.15	9	63	6.75	96	1,433	14.90
35-44	150	93	1,170	12.45	8	57	6.44	85	1,113	13.10
45-54	112	63	496	7.80	9	79	8.30	54	417	7.70*
55-64	91	72	571	7.90	11	62	5.30	61	509	8.45*
65 and over	72	27	222	8.10	9	51	5.55	18	171	9.40*
Males	912	75	782	10.50	9	59	6.90	66	723	11.10
14-17 years	387	34	139	4.10	9	53	5.40	25	86	3.55
18-24	196	110	1,117	10.10	8	59	6.70	102	1,058	10.40
25-34	67	171	2,656	15.50	7	55	7.00	164	2,601	15.95
35-44	76	130	2,109	16.15	7	60	7.80	123	2,049	16.65
45-54	60	82	757	9.15	8	93	10.90	74	664	8.95*
55 and over	125	56	447	8.05	10	63	6.25	46	384	8.45
Females	457	37	178	4.85	10	54	5.15	27	124	4.70
14-17 years	139	22	66	2.95	11	43	3.80	11	23	2.05*
18-24	94	42	231	5.40	10	60	5.75	32	171	5.25*
25-34	62	34	232	6.80	10	71	6.55	24	161	6.90*
35-44	74	55	200	3.60	10	53	5.35	45	147	3.20*
45-54	52	41	192	4.65	10	63	5.90	31	129	4.20*
55 and over 3/	37	---	---	---	---	---	---	---	---	---
CHIEF ACTIVITY										
Farm work other than farm wage work 2/	132	29	226	7.55	8	76	8.50	21	150	7.15*
Nonfarm work	231	208	2,549	12.20	8	59	7.10	200	2,490	12.45
Unemployed 3/	47	---	---	---	---	---	---	---	---	---
Not in labor force	959	32	163	5.10	10	54	5.25	22	109	5.05
Keeping house	261	30	165	5.35	10	62	5.85	20	103	5.10
Attending school	617	33	162	4.85	10	50	5.00	23	112	4.80
Other	81	25	172	6.70	11	61	5.40	14	111	7.70*
MIGRATORY STATUS										
Migratory	114	72	430	5.95	9	66	6.75	63	364	5.80
Nonmigratory	1,255	61	595	9.70	9	57	5.80	52	538	10.45
HOUSEHOLD STATUS AND MIGRATORY STATUS										
Household heads	368	106	1,422	13.30	8	61	7.05	98	1,361	13.85
Migratory 3/	19	---	---	---	---	---	---	---	---	---
Nonmigratory	349	106	1,459	13.65	8	61	7.00	98	1,398	14.25
Other household members	1,001	46	272	5.95	10	56	5.50	36	216	6.05
Migratory	95	66	369	5.55	10	68	6.45	56	301	5.40
Nonmigratory	906	43	262	6.00	10	55	5.40	33	207	6.15

1/ Rounded to the nearest 5 cents.

2/ Includes operating a farm and unpaid family labor.

3/ Averages not shown where base is less than 50,000 persons.

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.

\*Number of workers who did nonfarm wage work is less than 50,000.

Table 11.--Percentage of workers who did farm and nonfarm wage work, and average number of days worked and wages earned, for workers who did farm wage work only, by selected characteristics, 1964

Selected characteristics	Farm wage workers		Workers who did farm wage work only				
	Total	Percentage who also did some nonfarm wage work	Total	Days worked	Wages earned		
					Per year	Per day 1/	
	Thou.	Pct.	Thou.	No.	Dol.	Dol.	
ALL WORKERS, 1964	3,370	38	2,094	100	698	6.95	
COLOR AND SEX							
White	2,322	40	1,385	102	812	7.90	
Nonwhite	1,048	32	709	95	475	4.95	
Male	2,398	40	1,439	123	898	7.30	
White	1,796	43	1,026	125	1,003	8.00	
Nonwhite	603	32	413	118	638	5.40	
Female	972	33	655	49	257	5.15	
White	527	32	359	38	267	6.85	
Nonwhite	445	33	296	63	246	3.90	
CHIEF ACTIVITY							
Farm work	1,036	24	791	198	1,499	7.55	
Farm wage work	818	23	629	238	1,818	7.65	
Without nonfarm work	629	---	629	238	1,818	7.65	
With nonfarm work	190	100	---	---	---	---	
Other farm work 2/	218	26	162	44	267	6.05	
Nonfarm work 3/	412	98	11	---	---	---	
Unemployed 3/	96	66	33	---	---	---	
Not in labor force	1,826	31	1,259	40	205	5.05	
Keeping house	548	26	404	42	211	5.00	
Attending school	1,122	33	756	39	195	4.90	
Other	155	36	100	38	256	6.70	
DURATION OF FARM WAGE WORK:							
Less than 25 days	1,369	47	723	10	58	5.60	
25 days and over	2,001	31	1,371	147	1,035	7.00	
RESIDENCE							
Farm	1,130	23	869	116	682	5.85	
Nonfarm	2,240	45	1,224	88	709	8.00	
MIGRATORY STATUS							
Migratory	386	44	218	109	935	8.60	
Nonmigratory	2,984	37	1,876	99	670	6.75	
REGION							
Northeast	292	50	145	140	1,007	7.20	
North Central	632	44	353	93	651	6.95	
South	1,797	32	1,225	95	529	5.50	
West	649	43	370	106	1,183	11.15	

1/ Rounded to the nearest 5 cents.

2/ Includes operating a farm and unpaid family labor.

3/ Averages not shown where base is less than 50,000 persons.

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.

Table 12.--Average number of days worked and wages earned at farm and nonfarm wage work.  
for farm wage workers who also did some nonfarm wage work,  
by selected characteristics, 1964

Selected Characteristics	:Number : of :workers	: Farm and nonfarm				: Farm			: Nonfarm		
		: Days :worked	: Wages earned		: Days :worked	: Wages earned		: Days :worked	: Wages earned		
			: Per : year	: Per : day 1/		: Per : year	: Per : day 1/		: Per : year	: Per : day 1/	
		: Thou.	: No.	: Dol.	: Dol.	: No.	: Dol.	: Dol.	: No.	: Dol.	: Dol.
WORKERS WHO ALSO DID SOME NONFARM WAGE WORK, 1964	:	1,276	148	1,379	9.30	49	380	7.70	98	999	10.10
COLOR AND SEX	:										
White	:	938	156	1,582	10.10	50	428	8.45	105	1,153	10.90
Nonwhite	:	339	126	820	6.50	45	248	5.45	80	572	7.10
Male	:	959	164	1,657	10.10	54	449	8.25	109	1,208	11.00
White	:	770	170	1,790	10.50	56	488	8.70	114	1,301	11.40
Nonwhite	:	190	138	1,120	8.05	46	292	6.20	91	828	9.00
Female	:	317	100	538	5.40	33	171	5.10	66	367	5.55
White	:	168	90	627	6.90	24	152	6.20	66	474	7.15
Nonwhite	:	149	110	439	4.00	43	192	4.35	66	247	3.70
CHIEF ACTIVITY	:										
Farm work	:	245	183	1,600	8.70	131	1,116	8.45	51	483	9.30
Farm wage work	:	190	209	1,866	8.90	158	1,341	8.45	51	525	10.30
Other farm work 2/	:	56	94	693	7.30	39	350	8.75	54	342	6.25
Nonfarm work	:	402	228	2,641	11.60	33	266	7.95	194	2,374	12.20
Unemployed	:	63	86	673	7.80	33	218	6.50	53	455	8.55
Not in labor force	:	566	83	468	5.60	26	160	6.10	56	307	5.40
Keeping house	:	145	79	424	5.30	26	152	5.80	53	271	5.10
Attending school	:	366	85	464	5.40	25	146	5.70	60	317	5.25
Other	:	56	73	605	8.20	31	274	8.85	42	331	7.70
DURATION OF FARM WAGE WORK	:										
Less than 25 days	:	646	120	1,166	9.70	9	57	6.20	111	1,109	10.00
25 days and over	:	630	176	1,598	9.05	90	712	7.90	86	886	10.25
RESIDENCE	:										
Farm	:	261	138	1,054	7.65	63	422	6.70	74	632	8.45
Nonfarm	:	1,016	150	1,463	9.70	45	369	8.10	105	1,093	10.40
MIGRATORY STATUS	:										
Migratory	:	168	159	1,635	10.20	60	585	9.75	99	1,049	10.50
Nonmigratory	:	1,108	146	1,341	9.15	47	349	7.35	98	991	10.05
REGION	:										
Northeast	:	147	184	1,764	9.55	65	523	8.00	119	1,240	10.40
North Central	:	279	164	1,586	9.65	53	394	7.40	110	1,191	10.75
South	:	572	134	1,035	9.70	44	295	6.60	89	739	8.20
West	:	279	140	1,677	11.90	45	464	10.15	95	1,213	12.75

1/ Rounded to the nearest 5 cents.

2/ Includes operating a farm and unpaid family labor.

Figures for workers are rounded to the nearest thousand without being adjusted to group totals.



## APPENDIX A

### SOURCES AND RELIABILITY OF ESTIMATES

#### The Survey

The estimates in this series on the hired farm working force are based on information obtained for the Economic Research Service by the Bureau of the Census through supplementary questions on the regular Current Population Survey (CPS) of December 1964. If a question on the regular survey concerning farm wage work was answered affirmatively, additional questions were asked on total days of farm wage work and total farm wages, migratory or nonmigratory status, whether nonfarm wage work was done, the total days of nonfarm work and associated wages, the chief activity of the person in 1964, and on other matters. Further analysis of data in this report and analysis of the additional information obtained for 1964 will be published in subsequent reports.

The CPS sample includes about 35,000 households which are designated for interview each month. <sup>1/</sup> Since 1960, the estimates have included Alaska and Hawaii. Although changes have been made in sample design from time to time, the data are sufficiently comparable to form a continuous series. The 1964 sample covered 357 areas, with coverage in each of the 50 States and the District of Columbia. These areas comprised 701 counties and independent cities. Of the 35,000, about 1,500 households, on the average, were visited, but interviews were not obtained because the occupants were not found at home after repeated calls, or were unavailable for some other reason. In addition to the 35,000, 5,000 sample units were visited in an average month, but were found to be vacant or otherwise not to be enumerated.

The data in this report relate to all persons 14 years of age and over who did farm wage work in 1964 and who were in the civilian noninstitutional population at the time of the survey. Not included are persons who did farm wage work in 1964 who died, entered the Armed Forces, or were otherwise removed from the civilian noninstitutional population before the survey. Not included also are foreign nationals who did farm wage work in this country and who had returned to their homes before the survey. Because the survey was conducted in December, when seasonal farm activity is at a minimum, the number of foreign nationals actually included is thought to be very small. Because of the termination of Public Law 78 in December 1964, the number of foreign nationals in the country was probably somewhat smaller than in immediately preceding years. The number of persons who may have been excluded probably does not exceed 500,000.

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<sup>1/</sup> For a thorough explanation of the CPS sample, see: The Current Population Survey: A Report on Methodology, U. S. Dept. Com., Bureau of the Census, Tech. Paper 7, 1963.

## Reliability of Estimates

The estimating procedure used in these surveys involved inflating weighted sample results to independent estimates of the civilian noninstitutional population of the United States by age, color, and sex. These independent estimates were based on statistics from the 1960 Census of Population; statistics on births, deaths, immigration, and emigration; and statistics on strength of the Armed Forces.

Since the estimates are based on sample data, they are subject to sampling variability. They may differ somewhat from the results that would have been obtained from another sample, or from a complete census using the same schedules, instructions, and interviewers. The results are also subject to errors of response and reporting.

The standard error of an estimate is primarily a measure of sampling variability, that is, of the variations that occur by chance because a sample rather than a whole population is surveyed. The standard error, as calculated for this report, also partially measures the effect of response and enumeration errors, but does not measure any systematic biases in the data. The chances are 68 out of 100 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 95 out of 100 that the difference would be less than twice the standard error.

The estimates of standard errors shown in this report are approximations for the 357 areas sampled. To derive standard errors which would be applicable to a wide variety of items and which could be prepared at moderate cost, a number of approximations were required. As a result, the tables of standard errors provide an indication of the order of magnitude of the standard errors rather than the precise standard error for any specific item.

Tables 13 and 14 show the standard errors of the estimated number and percentages of persons who did farm wage work. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends on the size of the percentage and the size of the total on which the percentage is based. Generally, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is high.

Tables 15 and 16 show the standard errors of average number of days of farm wage work and of the average annual earnings from this work. Standard errors of average number of days and annual earnings from nonfarm wage work would probably be somewhat higher than the standard errors of number of days and annual earnings from farm wage work.

Illustration of the use of tables of standard errors.--Table 4 shows that there were 709,000 males age 14-17 who were farm wage workers at the time of this survey. Table 13 shows the standard error of 709,000 to be about 64,000. The chances are about 68 out of 100 that a complete census would have shown a figure differing from the sample result by less than 64,000. Chances are 95 out of 100 that the difference would have been less than 128,000. Of these 709,000 males age 14-17, 256,000 or 36.1 percent had done 25-74 days of farm

Table 13.--Standard errors of estimated numbers of persons who did farm wage work, CPS Supplement, December 1964

(68 chances out of 100)	
Size of estimate	Standard error
25,000	11,000
50,000	15,000
100,000	22,000
250,000	35,000
500,000	52,000
1,000,000	80,000
2,500,000	150,000

Table 14.--Standard errors of percentages of persons who did farm wage work, CPS Supplement, December 1964

(68 chances out of 100)								
Percentage	Base of percentage in thousands							
	50	100	250	500	1,000	2,500	5,000	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
2 or 98	4.2	3.0	1.9	1.3	0.9	0.6	0.4	
5 or 95	6.6	4.7	2.9	2.1	1.5	.9	.7	
10 or 90	9.1	6.4	4.1	2.9	2.0	1.3	.9	
15 or 85	10.8	7.6	4.8	3.4	2.4	1.5	1.1	
20 or 80	12.1	8.5	5.4	3.8	2.7	1.7	1.2	
25 or 75	13.1	9.3	5.9	4.1	2.9	1.9	1.3	
35 or 65	14.4	10.2	6.4	4.6	3.2	2.0	1.4	
50	15.1	10.7	6.8	4.8	3.4	2.1	1.5	

Table 15.--Standard errors of estimated average number of days of farm wage work, CPS Supplement, December 1964

(68 chances out of 100)	
Average days worked per year per person	Standard error
50	3
100	4
200	5

Table 16.--Standard error of estimated average annual earnings from farm wage work, CPS Supplement, December 1964

(68 chances out of 100)	
Average annual earnings per person	Standard error
\$ 250	20
500	31
750	40
1,000	49
1,500	66
2,000	82

wage work. Table 14 shows the standard error of 36.1 percent with a base of 709,000 to be approximately 4.0 percent. Consequently, the chances are 68 out of 100 that a complete census would have disclosed the figure to be between 32.1 and 40.1 percent, and 95 out of 100 that the figure would have been 28.1 and 44.1 percent.

Sampling variability of estimated mean earnings.--A rough approximation to the standard error of an estimated mean can be computed from the distribution which gave rise to that mean. The standard error of average (mean) daily earnings at farm wage work, for example, may be computed by using the following formula:

$$\sigma_{\bar{x}} = 80 \sqrt{\frac{\sum_{i=1}^c n_i x_i^2}{n^2} - \frac{\bar{x}^2}{n}}$$

where  $\sigma_{\bar{x}}$  = the standard error of the estimated mean

$n_i$  = the weighted number of cases in the  $i^{\text{th}}$  earnings class

$n$  = the weighted total number of cases in all  $c$  earnings class

$x_i$  = the midpoint of the  $i^{\text{th}}$  earnings class

$\bar{x} = \frac{\sum n_i x_i}{n}$  = the mean of the distribution

In comparing the earnings of two classes of the population, the difference between the two means will frequently be subject to greater sampling variability than that in other types of comparisons because the sample estimate of a mean of an earnings distribution is affected significantly by even a few extremely high average earnings. If sensitive indicators of differences between two groups are needed, it may be useful to consider other types of statistics, such as median earnings. Generally, the median of a distribution is more stable than the mean, since it is not affected as much by a few extreme observations.

Illustration: Table 8 shows the percentage distribution of farm wage workers by average daily earnings from farm wage work. Table 7 shows the average daily earnings of all farm wage workers to be \$7.15. Converting the percentage distribution to absolutes by multiplying the given percentage by the total number of farm wage workers (3,370,000) gives the number of farm wage workers in each earnings interval class, which are the values of the  $n_i$  in the formula  $\sigma_{\bar{x}}$ . The total number of farm wage workers, 3,370,000, is the value of  $n$ . The values of the  $x_i$  are the midpoints of the earnings intervals shown. For

the interval "less than \$3.00" the midpoint is \$1.50; for the interval "\$3.00 - \$4.99" it is \$4.00; for "\$5.00 - \$6.99" it is \$6.00, etc. Assume the midpoint of the interval "\$13.00 and over" to be \$28.00. The estimated standard error on the average daily earnings at farm wage work of all farm wage workers is about \$0.25. Consequently, the chances are about 68 out of 100 that the difference between the mean earnings estimated from this sample and the figure that would have been obtained from a complete census would have differed by less than \$0.25. Chances are 95 out of 100 that the difference would have been less than \$0.50.

Sampling variability of estimated median earnings.--The variability of a median depends on the size of the base of the distribution and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence that the true median lies within the interval.

As the first step in estimating the upper and lower limits of the interval about the median (that is, the confidence limits), compute one-half the number reporting the characteristic on which the median is based; designate this as  $N/2$ . Determine the standard error of  $N/2$ . Subtract this standard error from  $N/2$ . Cumulate the frequencies (in the table on which the median is based) up to the interval containing the difference between  $N/2$  and its standard error and, by linear interpolation, obtain a value corresponding to this number.

In a similar manner, add the standard error to  $N/2$ , cumulate the frequencies in the table and obtain a number corresponding to this number. The chances are about 68 out of 100 that a median computed from a complete census would lie between these two values. The range for 95 chances out of 100 can be computed in a similar manner by multiplying the standard error by 2 before subtracting and adding to  $N/2$ . Interpolation to obtain the values corresponding to these numbers gives the confidence limits for the median.

Illustration: Table 8 shows the median daily earnings at farm wage work of all farm wage workers to be \$5.70. Applying the above formula, it is found that the chances are about 68 out of 100 that the difference between the median earnings estimated from this sample and the figure that would have been obtained from a complete census would have differed by less than \$0.30. Chances are 95 out of 100 that the difference would have been less than \$0.60.

## APPENDIX B

### DEFINITIONS AND EXPLANATIONS

Farm wage workers.--Persons 14 years old and over in the civilian non-institutional population of the United States at the time of the survey who did any farm work for cash wages or salary at any time in the year, even if only for 1 day.

Farm work for cash wages or salary consists of the following: (1) Work done on any farm for cash wages in connection with the production, harvesting, threshing, preparation for market, or delivery to market of agricultural products; (2) work done off the farm for a farmer by his hired farm worker, such as trips to town to buy feed, seeds, fertilizer, or to handle other matters involved in running the farm business; (3) repairs of farm buildings, machinery, etc., performed by a farm wage worker when done along with the type of work specified in (1) and (2) above; and (4) managing a farm enterprise for cash salary. Not included as farm work for cash wages or salary are (1) work performed by farm operators on their own farms, or "exchange" work between farmers; (2) work done exclusively for "pay in kind;" (3) work done without pay on a family farm by a member of the farm operator's family; (A small regular cash allowance is not considered as farm wages.) and (4) nonfarm work performed on a farm, such as the building of a farm structure, the drilling of a well, the hauling of agricultural products to market, or domestic service in the home of a farmer; and (5) custom work such as spraying, threshing, and combining, etc., when a person is paid a combined rate for the use of his equipment and labor.

Casual workers.--Persons who did less than 25 days of farm wage work.

Noncasual workers.--Persons who did 25 days or more of farm wage work. Noncasual workers include:

Seasonal workers.--Persons who did 25-149 days of farm wage work.

Regular workers.--Persons who did 150-249 days of farm wage work.

Year-round workers.--Persons who did 250 days or more of farm wage work.

(The use here of the terms "seasonal" and "regular" differs from that of the Census of Agriculture where "seasonal workers" refers to persons employed on one farm for less than 150 days during the year, and "regular workers" to those employed on one farm for 150 days or more during the year.)

Age.--The age classification is based on the age of the person at his last birthday.

Color.--The term "color" refers to the white and nonwhite groups in the population. The nonwhite group includes Negroes, Indians, Japanese, Chinese, and other nonwhite races.

Chief activity.--Information on the chief activity of farm wage workers during the year was derived from the question, "What was . . . doing most of 1964--working, keeping house, going to school, or something else?" If "working" was reported as the chief activity, the kind of work the person was doing most of the year was determined. Farm wage work was reported if the person spent most of his working time doing farm wage work. Operating a farm was reported if a person spent most of his working time operating his own farm (as a tenant, owner, or sharecropper). Nonfarm work was reported if a person spent most of his working time in his own business or profession, worked without pay in a family business, or worked for pay (or pay in kind) in any nonfarm activity, such as manufacturing, trade, construction, domestic service, etc. If the person did not report "working" as his chief activity, information was obtained on what he was doing most of the year. Looking for work (unemployed) was reported for a person who spent most of his time without employment, but actively looking for a job. Keeping house was reported for persons who spent most of their time doing their own housework. Going to school was reported for persons who spent most of their time during the year going to school. The category "other" was reported for persons who spent most of their time at some activity other than those named above.

Residence.--Residence is determined on the basis of the classification of the place in which the worker lived at the time of the survey. In the Current Population Survey, farm wage workers were classified as living on farms (farm resident) if they lived in rural territory on places of 10 or more acres of land, and if as much as \$50 worth of agricultural products were sold from the place in the reporting year. Also included are those living on places less than 10 acres if as much as \$250 worth of agricultural products were sold from the place in the reporting year. Nonfarm resident workers lived in urban places, rural towns or villages, or in the open country on places that did not meet the criteria for farm classification.

Migratory status.--Migratory farm wage workers are those from whom a "yes" answer was given to one of two questions: "Some farm workers leave home to harvest crops or do other seasonal farm work in a different State. Did . . . do this in 1964?" If the answer to that question was "No," the question was asked: "During 1964, did . . . leave home to do this work in a different county in this State?" Enumerators were instructed to consider as migratory workers (a) persons who were reported to have left their homes temporarily overnight to do farm wage work in another county within the same State or in a different State with expectation of eventually returning home, and (b) persons who had no usual place of residence if they did farm wage work in two or more counties during the year. They were instructed to consider as nonmigratory workers (a) persons who were reported as farm wage workers in the county for part of the year and who made a more or less permanent move to another county during the year and also did farm wage work in the second county, and (b) persons who commuted daily across the county or State line to do farm wage work and returned home each night.

Region.--The States included in each of the four regions are as follows: Northeast--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, New Jersey; North Central--Ohio, Indiana, Illinois, Wisconsin, Michigan, Minnesota, Iowa, Missouri, North Dakota,

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South Dakota, Nebraska, Kansas; South--Maryland, Delaware, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas; and West--Montana, Wyoming, Idaho, Colorado, New Mexico, Utah, Arizona, Nevada, Washington, Oregon, California, Hawaii, Alaska.

Days of farm or nonfarm wage work.--Days on which any farm or non-farm wage work was reported. The work may have been for all or only part of a day.

Earnings from farm or nonfarm work.--Total cash wages or salary received for farm work or for nonfarm work. Estimates of earnings do not include the value of perquisites received in connection with farm work or the value of fringe benefits received in connection with nonfarm work.